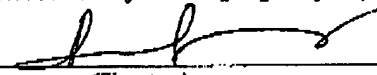


APR-21-2006 10:58 FROM 9499551921

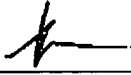
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APR 21 2006

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b> Applicant(s): <b>Thomas L. Andrews et al.</b>			Docket No. <b>01-296</b>
Application No. <b>10/781,162</b>	Filing Date <b>February 18, 2004</b>	Examiner <b>Jerry T. Rahl</b>	Group Art Unit <b>2874</b>
Invention: <b>FIBER OPTIC DAMAGE DETECTION SYSTEM FOR COMPOSITE PRESSURE VESSELS</b>			
<p>I hereby certify that this <u>Amendment Transmittal Letter (1 page); Amendment (6 pages)</u>  <small>(Identify type of correspondence)</small></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>April 21, 2006</u>  <small>(Date)</small></p> <div style="text-align: right; margin-top: 40px;"> <u>Carrie Anne Cheung</u>  <small>(Typed or Printed Name of Person Signing Certificate)</small>    <small>(Signature)</small> </div> <p style="text-align: center; margin-top: 60px;"> <b>Note: Each paper must have its own certificate of mailing.</b> </p>			

P18REV02

APR 21 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>01-296</b>									
Applicant(s): <b>Thomas L. Andrews et al.</b>														
Application No. <b>10/781,162</b>	Filing Date <b>February 18, 2004</b>	Examiner <b>Jerry T. Rahll</b>	Customer No. <b>22145</b>	Group Art Unit <b>2874</b>	Confirmation No. <b>6084</b>									
Invention: <b>FIBER OPTIC DAMAGE DETECTION SYSTEM FOR COMPOSITE PRESSURE VESSELS</b>														
<u>COMMISSIONER FOR PATENTS:</u>														
Transmitted herewith is an amendment in the above-identified application.														
The fee has been calculated and is transmitted as shown below.														
<b>CLAIMS AS AMENDED</b>														
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE									
<b>TOTAL CLAIMS</b>	<b>2 -</b>	<b>20 =</b>	<b>0</b>	x \$50.00	<b>\$0.00</b>									
<b>INDEP. CLAIMS</b>	<b>2 -</b>	<b>3 =</b>	<b>0</b>	x \$200.00	<b>\$0.00</b>									
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					<b>\$0.00</b>									
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>									
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>11-1159</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>														
 Signature			Dated: <b>April 21, 2006</b>											
<b>Tejinder Singh (Reg. No. 39,535)</b> <b>Klein, O'Neill &amp; Singh, LLP (Customer No. 22145)</b> <b>2 Park Plaza, Suite 510</b> <b>Irvine, California 92614</b> <b>Tel: 949-955-1920</b> <b>Fax: 949-955-1921</b> <b>Email: tj Singh@koslaw.com</b>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td style="width: 50%; text-align: center;">(Date)</td> <td style="width: 50%;"></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ Signature of Person Mailing Correspondence		_____ Typed or Printed Name of Person Mailing Correspondence	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____														
(Date)														
_____ Signature of Person Mailing Correspondence														
_____ Typed or Printed Name of Person Mailing Correspondence														
CC:														

Docket No. 01-296

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APR 21 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:  
Andrews, Thomas L. et al.

Serial No.: 10/781,162

Filed: February 18, 2004

For: Fiber Optic Damage Detection System  
for Composite Pressure Vessels

Group Art Unit: 2874

Examiner: Jerry T. Rahl

**AMENDMENT AND REMARKS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed January 24, 2006. Please consider the following remarks regarding the subject application.

Amendment to Claims begin on Page 2; and

Remarks begin on Page 4.